The river enters a canyon at Sheffield, Tex., about 75 miles southeast of Pecos and remains therein until it empties into the Rio Grande and no overflows are possible.

The predicted overflows began to occur in the Pecos district on the 27th. Highways and 5,300 acres of irrigated farm land in Ward, Loving, and Reeves counties were flooded.

The flood continued after May 31. An effort will be made to obtain detailed estimates of loss when the flood subsides.

Heavy rains in the Rio Grande River watershed between La Nutria and Presidio, Tex., a distance of about 60 miles, on May 23 and 24, caused overflows in the River and arroyos in that section. The Presidio Valley is bordered both on the north and south by mountains, which are connected with the River by dry arroyos. This topographical formation, of course, is most favorable to quick run-offs.

Farm lands between Candelaria and Presidio were flooded both by adjacent arroyos and the River. The total losses from the two sources amounted to about $34,000 in Texas and $30,000 in Mexico.

While no flood stages were indicated in the lower Rio Grande, the river broke through some privately-owned levees below Brownsville, Tex., but no material damage resulted.

Gulf of California drainage.—High water and flooding occurred in the upper watershed of the Colorado River during the month. The high water resulted mainly from melting snow. Temperatures were unusually high in Colorado during the month and some rains occurred late in April and during the latter half of May.

There was considerable flooding in the Gunnison River which drains into the Colorado River above Grand Junction, Colo. The unusually high stage of 12.7 feet was reached at Delta, Colo., on May 14. In the Colorado River flood stage was exceeded slightly at Grand Junction with a peak stage of 11.2 feet on May 15. Damages have been estimated at $120,000 in this area.

The San Juan River, also a tributary of the Colorado River, was at flood stage from May 12 to 17 in the vicinity of Farmington, N. Mex. The river crested at 40,000 second-feet at that place on May 15. A further report on this flood will be made at a later date.

Pacific Slope drainage.—Stages above flood occurred in the Kings River at Piedra, Calif., several times during the month. The highest stage reached was 11.25 feet on May 24. The high water was due to the melting of snow in the elevated regions. Additional areas in Tulare Lake Basin are being flooded by the annual rise in the Kings, Kaweah, Tule, and Kern Rivers. These streams have not yet reached the seasonal peak.

Table of estimated flood losses and savings for May 1941

River and drainage	Tangible property	Prospective crops	Livestock and other movable farm property	Suspension of business	Total losses	Total savings
MISSISSIPPI SYSTEM						
Red Basin						
Ouachita River	$2,500	$2,000	$700	$4,000	$9,200	$5,000
WEST GULF OF MEXICO						
Trinity River	3,000			500	3,500	5,000
Brazos River	30,300	100,000			130,300	
Guadalupe River [1]	8,000	75,000	3,500	14,000	100,500	17,500
Nueces River [1]	2,500	4,600	350	1,800	9,250	
GULF OF CALIFORNIA						
Gunnison and Colorado Rivers	36,000	84,000			120,000	
Salt River [2]	196,300				196,300	

Data for Rio Grande and Pecos Rivers not available.

[1] April and May.
[2] Flood of March 1941.

FLOOD-STAGE REPORT FOR MAY 1941

[All dates in May unless otherwise specified]

River and station	Flood stage	Above flood stages—dates From—	To—	Crest Stage	Date
EAST GULF OF MEXICO DRAINAGE	*Feet*			*Feet*	
Pearl: Pearl River, La	12	(1)	3		
MISSISSIPPI SYSTEM					
Upper Mississippi Basin					
Mississippi:					
Hannibal, Mo	13	(1)	4		
Louisiana, Mo	12	(1)	(2) (3)		
Missouri Basin					
Republican: Guide Rock, Nebr	9	21	21	9 3	21
White Basin					
White:					
Georgetown, Ark	21	(1)	2		
Clarendon, Ark	26	2	5	26.2	4
Arkansas Basin					
Cimarron: Perkins, Okla	11	5	6	12.75	6
		22	22	11.9	22
		24	24	11.1	24
Neosho: Wyandotte, Okla	23	(1)	(2)	33.2	2–3
North Canadian:					
Woodward, Okla	5	5	5	5.0	5
		23	24	6.6	24
Canton, Okla	8	5	5	9.1	5
		21	21	8.5	21
		23	27	11.4	26
Yukon, Okla	8	(1)	(2)	[4] 13.0	23
Oklahoma City, Okla	12	4	5	14.0	4
(East) Oklahoma City, Okla	14	4	5	15.4	5
Canadian:					
Canadian, Tex	5	3	3	5.5	3
Union City, Okla	6	3	5	10.8	4
Calvin, Okla	15	5	5	17.0	5
Red Basin					
Little Missouri: Boughton, Ark	20	7	7	20.1	7
Ouachita:					
Arkadelphia, Ark	17	7	7	17.1	7
Camden, Ark	26	(1)	1		
		7	14	31.8	10
Little: Whitecliffs, Ark	25	2	4	25.4	3
Sulphur:					
Ringo Crossing, Tex	20	(1)	14	32.0	1
				27.0	11
Naples, Tex	22	(1)	19	31.5	4
Red:					
Fulton, Ark	25	5	5	25.0	5
		7	12	26.4	10
Grand Ecore, La	33	9	19	36.0	15
Alexandria, La	32	5	24	38.0	16–17
WEST GULF OF MEXICO DRAINAGE					
Sabine: Logansport, La	25	7	7	25.0	7
		8	15	26.4	12
Trinity:					
Dallas, Tex	28	5	7	33.2	6
Trinidad, Tex	28	(1)	17	36.2	14
Long Lake, Tex	40	10	16	41.6	13
Liberty, Tex	24	6	15	26.0	10–12
		20	26	24.9	24
Brazos: Waco, Tex	27	5	6	28.8	5
Colorado: Wharton, Tex	26	4	4	26.4	4
Guadalupe:					
Gonzales, Tex	20	(1)	1		
		3	7	27.6	4
Victoria, Tex	21	(1)	11	29.5	3
		23	24	22.3	23
Neuces: Three Rivers, Tex	37	(1)	1	39.5	Apr. 30
		4	8	40.1	5
GULF OF CALIFORNIA DRAINAGE					
Colorado Basin					
North Fork of Gunnison: Paonia, Colo	9	4	4	9.0	4
		8	15	9.9	13
		17	18	9.0	17–18
Gunnison: Delta, Colo	9	4	6	9.4	5
		7	20	12.7	14
		27	27	9.1	27
San Juan: Farmington, N. Mex	7	13	15	7.8	14
Colorado: Grand Junction, Colo	11	14	15	11.2	15
PACIFIC SLOPE DRAINAGE					
San Joaquin Basin					
Kings: Piedra, Calif. [5]	10	10	12	11.1	12
		17	18	10.35	18
		21	28	11.25	24

[1] Continued from previous month.
[2] Continued into following month.
[3] Occasionally at or above flood stage due to operations of Dam No. 24.
[4] Gage inaccessible during high water on May 5, 7, 23, 27–30; crest estimated.
[5] Data furnished by the Kings River Water Association.